

Product Datasheet

Neuroplastin Antibody (OTI3C4) NBP2-01793

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-01793

Neuroplastin Antibody (OTI3C4)

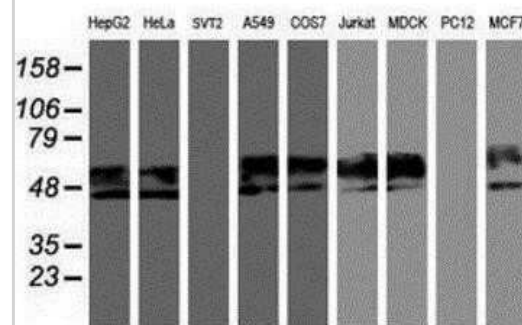
Product Information	
Unit Size	0.1 ml
Concentration	0.65 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3C4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	28.7 kDa

Product Description	
Description	Novus Biologicals Mouse Neuroplastin Antibody (OTI3C4) (NBP2-01793) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Neuroplastin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	27020
Gene Symbol	NPTN
Species	Human, Rat, Canine, Monkey
Immunogen	Full length human recombinant protein of human NPTN(NP_059429) produced in HEK293T cell.

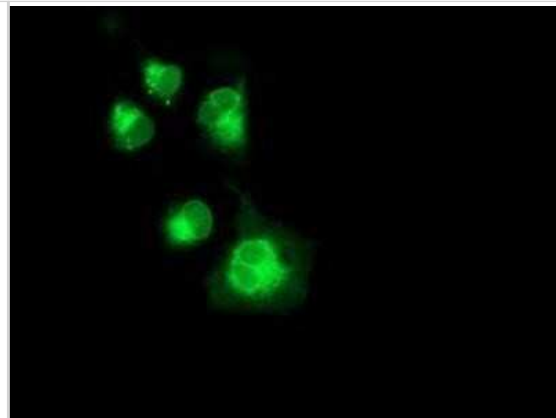
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

Images

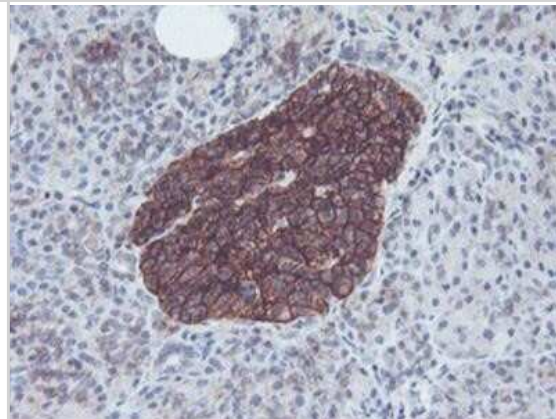
Western Blot: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Analysis of extracts (35ug) from 9 different cell lines by using anti-NPTN monoclonal antibody.



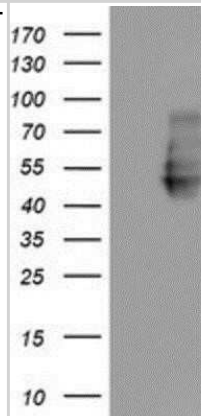
Immunocytochemistry/Immunofluorescence: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY NPTN.



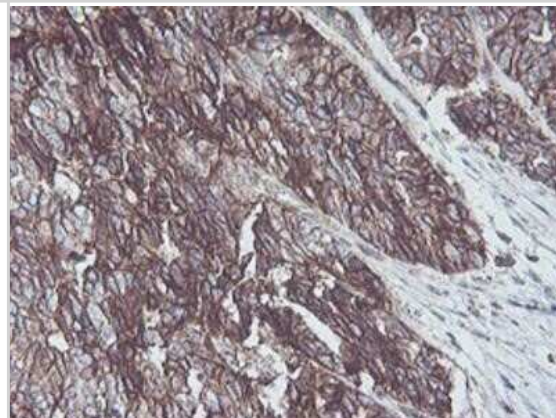
Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Human pancreas tissue using anti-NPTN mouse monoclonal antibody.



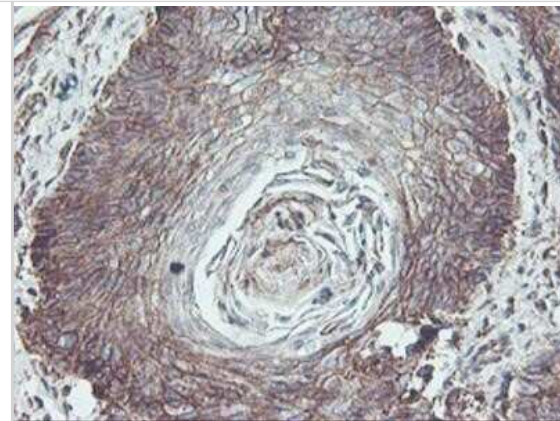
Western Blot: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NPTN (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NPTN.



Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-NPTN mouse monoclonal antibody.



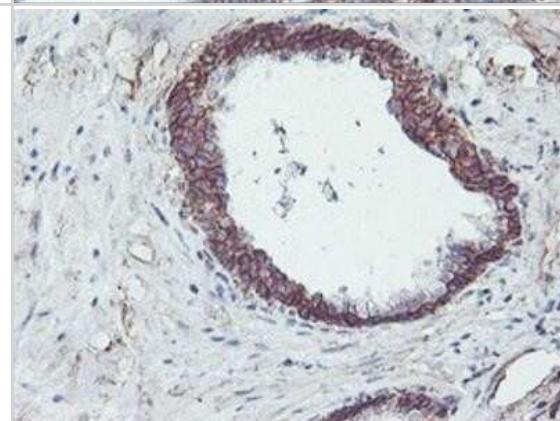
Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-NPTN mouse monoclonal antibody.



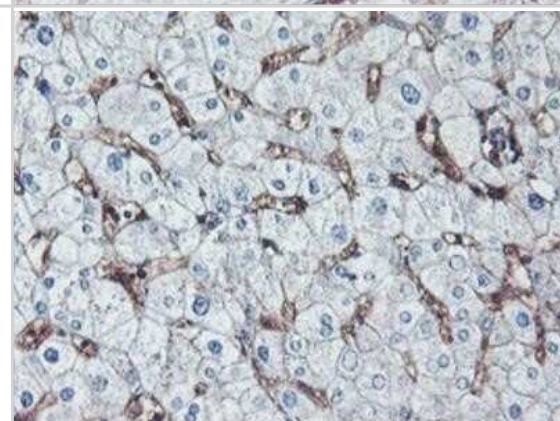
Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-NPTN mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-NPTN mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Neuroplastin Antibody (OTI3C4) [NBP2-01793] - Staining of paraffin-embedded Human liver tissue using anti-NPTN mouse monoclonal antibody.



Publications

Li S, Wei X, Huang H et al. Neuroplastin exerts antiepileptic effects through binding to the $\gamma 1$ subunit of GABA type A receptors to inhibit the internalization of the receptors Journal of translational medicine 2023-10-09 [PMID: 37814294] (WB, Rat)



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Products Related to NBP2-01793

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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